

# Akash Gupta

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## EDUCATION

### Babu Banarsi Das University

*Bachelor of Computer Application*

### Florence Nightingale Inter College

*Senior Secondary*

Lucknow, Uttar Pradesh, India

*Sept 2020 - Aug 2023*

Lucknow, Uttar Pradesh, India

*April 2019 - May 2020*

## TECHNICAL SKILLS

**Programming Languages:** Java, JavaScript, Typescript, SQL,

**Frameworks and Databases:** Node.js, Express.js, MongoDB, MySQL, Redis

**Tools:** Amazon S3, Amazon EC2, Amazon RDS, Jenkins, Swagger, GitHub, Docker, Postman, Jest

**Architecture:** Monolithic and Microservices

## WORK EXPERIENCE

### Software Developer

*ZFIN TECH, Lucknow, India*

*May 2024 - Present*

- Designed and implemented a secure authentication system with advanced role-based access and token-based security, leveraging industry-standard protocols to safeguard thousands of user accounts, reducing unauthorized access attempts by 40 %, and ensuring compliance with security best practices in backend development.
- Developed scalable RESTful APIs and optimized their performance, driving a responsive admin panel with seamless frontend integration, ensuring system uptime during peak usage,.
- Enhanced database queries and streamlined schema designs, cutting data retrieval times by 30% through performance optimization techniques, boosting user satisfaction with faster, more reliable interactions
- Integrated payment gateways and third-party APIs with seamless automation, ensuring secure, uninterrupted transactions by implementing robust error handling, eliminating downtime incidents, and enhancing system reliability
- Streamlined backend infrastructure by designing efficient data models and reducing API response times, leading to a highly responsive user experience. Developed a robust system architecture capable of handling high traffic while ensuring minimal downtime.

### Junior Software Developer

*Cloud Infotech, Lucknow, India*

*January - May 2024*

- Designed and developed RESTful APIs to support core platform functionality, facilitating seamless and efficient communication between client-side interfaces and server-side logic.
- Enhanced backend performance by optimizing database queries and improving API response times, achieving a 20 % reduction in data retrieval latency and delivering a smoother user experience..

### Software Developer

*THE Rubixcon, Lucknow, India*

*March 2022 - September 2023*

- Developed a deep understanding of the Software Development Life Cycle (SDLC) by actively contributing to all stages, including requirement analysis, development, testing, deployment, and post-release maintenance, enabling smooth project delivery..
- Conducted and participated in code reviews to enforce best practices in code quality, modular structure, and maintainability, resulting in scalable and robust applications.
- Implemented and optimized backend operations for various application modules, ensuring seamless integration with databases and enhancing data flow efficiency

## PROJECTS

- DynamicScan :** Designed and developed scalable dynamicScan QR code and analytics platform. I implemented real-time content management and slot-based redirection for dynamic QR codes, allowing businesses to instantly update the content linked to their codes and optimize their marketing flexibility. Additionally, I designed and optimized real-time analytics to track QR code engagement, performance, and conversions, enabling businesses to make data-driven decisions for their marketing campaigns

## CERTIFICATIONS & COURSEWORK

- HCLTECH Level 1 SD PBT Program by SkillSoft
- Lernovate Training Program for Soft Skills and Machine Learning
- Data Modeling and Database Design Development
- The Complete Introduction to SQL programming